

In the Claims

Cancel claims 1 through 9 and add claims 10 – 14.

10. (New). A device for automatically compensating imbalance of a rotor of a centrifuge, comprising a compensating ring; and an elastic ring for supporting the compensating ring at a concentric surface of the rotor with a possibility of a radial displacement relative thereto.

11. (New). The device of claim 10, wherein the rotor has a drive shaft, and both the compensating ring and the elastic ring are mounted on the rotor drive shaft.

12. (New). The device of claim 10, wherein the elastic ring is formed as an elastomeric ring.

13. (New). The device of claim 10, wherein the compensating and elastic rings are permanently connected with one another.

14. (New). The device of claim 12, wherein the elastomeric ring is formed at least partially of an elastomeric foam.